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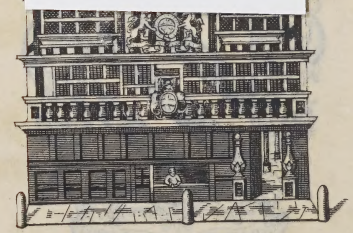

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BRITAINES BVSSE.

OR

A COMPVTATION

aſwell of the Charge of a Buſſe or Her-
ring-Fiſhing Ship. As alſo of the
gaine and profit thereby.

With the States Proclamation Annexed
vnto the ſame, as concerning
Herring-Fiſhing.

By E. S.

LONDON,
Printed by William Iaggard for Nicholas Bourne, and
are to be ſold at his ſhop at the South entry of
the Royal Exchange. 1615.

RPLCB

Britaines Busse.

DIuers Treatiſes haue bene publiſhed heere in England, ſome long ſince, ſome very lately, all of them inviting to the building and employing of Engliſh Fiſhing ſhippes, ſuch as our neighbour *Hollanders* call *Buſſes*, Principally to fiſh for *Herrings*, with which kinde of *Fiſh* (Almighty GOD of his rich bounty, bleſſed be his name therefore) hath abundantly ſtored his Maieſties Streames, on the coaſts of *England*, *Scotland*, and *Ireland*, aboue all the knowne parts of the world.

Foure Bookes I haue ſeene of this Subiect.

One called the *Brittiſh Monarchy*, written An. Dom. 1576. which is nere 40 yeares paſt.

The ſecond intituled *Hitchcocks New-yeares gift*, printed about 30 yeares ſince.

The third, named *Englands way to win wealth*, and to encreaſe Ships and Marriners, publiſhed within theſe 2. yeares, whoſe Author (I haue heard) was trained vppe from his youth : and very expert both in Nauigation and Fiſhing.

The fourth ſtyled the *Trades Increaſe*, now newly come abroad.

In all which foure Bookes, but eſpecially in the two laſt, the Neceſſity, Facility Profit, and Vſe of that Fiſhing trade is proponed and handled.

After I had read three of the former Bookes, and before the fourth and laſt came to light, I was much affected with the buſineſſe. And the more I conſider it, the more is my affection confirmed and encreaſed. And out of vehement deſire to ſee this worke, which I conceiue to tend ſo much to Gods glory: To the honour of our noble King: To the generall ſtrength, ſafety, and commodity of all his Maieſties large Kingdomes and Dominions: And to the priuate and peculiar benefite and aduancement of euery priuate *Vndertaker* therein. I ſay out of vehement deſire to ſee this worke in hand, & the proſperity thereof, I enquired as often (as conueniently I could) what Buſſes or Fiſhing Ships were in building on our Coaſts, or were bought or vſed by any Engliſh.

At length I was informed (and that very truely) that one *Roger Godſalue* Eſquire, of Bucknam Ferry in *Norfolke*, had begun to apply himſelfe to this worthy work, and had on the Stockes at *Yarmouth* fiue Buſſes; whereof I vnderſtand one is ſince that time launched, and that the other foure are in good forwardneſſe. But when vpon enquiry after the Gentleman, I heard him to be a man of ſuch vndoubted honeſty and integrity, beſides his other vertues and worth, Methought I did ſee God beginning this good buſineſſe in a good hand.

Soone after I heard that another worthy gentleman, namely Sir *William Haruie* Knight had on the Stockes at Lyme-houſe in the yard of M. *Steuens*, Shipwright, another very faire large Buſſe neere as big as any Flemiſh Buſſe: which Buſſe I did after ſee my ſelfe when ſhe was

in

in launching; and she is now in the Thames before *Radcliffe.*

But beside these two Gentlemen, I haue not yet heard of any English that haue yet applyed themselues that way.

Now because after many considerations of that matter, I perceiued that none of the foure Treatises before mentioned, had set downe in very plaine particulars the exact charge of Building, Manning, Victualling, and furnishing of such a Busse; and of the gaine or profite, which by Gods blessing in probability may redounde yearely to the particular Owner and Aduenturer of such a Shippe.

And conceiuing Hope that the publication of such particulars, might be some furtherance of the Action.

I resolued to bestow my best labours to get such Particulars; and to that end I trauailed and conferred with such both Ship-wrights, Marriners, Fishermen, Net-makers, and others, as I thought to bee able to informe me in the Premisses, that so I also might bring Straw or Morter to that noble Building. Or that I might picke or teaze Occam, or do somwhat, that am not able to do much.

And for that vpon conference with some experienced in this Herring Fishing, I am informed that a Busse of thirty fiue Last, that is, of seauenty Tunne, is of a very good and meete size or scantling, wherewith in a foure months fishing yearely to make the gaine or profite by Herring onely; Heereafter in particular set downe, besides her imployment yearely also in Cod-fishing, &c.

I haue therefore here imparted ſuch Inſtructions as I could attaine vnto.

1. FIrſt, of the preciſe dimentions or proportions of ſuch a Buſſe of 35 Laſt. That is of 70 Tun.
2. Secondly, the vttermoſt Charges of ſuch a Buſſe, and the particular of all her Maſtes, Yardes, Sailes, Flagges, Pullies, Shiuers, Tackling, Cables and Anchors, together alſo with her cock-boat and oares.
3. Thirdly, the particulars of her Carpenters ſtore, and of her Stewards ſtore, and of her weapons, and the charge of them all.
4. Fourthly, the particulars of her Herring Nets, and of the VVarropes and other Ropes, Cords and lines, Corke, Pynbols or Buyes belonging to thoſe Nets, with the particular charges of them all.
5. Fiftly, the particular Tooles and Implements vſed in dreſſing and packing of the ſaide Herrings, and their particular prizes.
6. Sixtly, the charge of one hundred Laſt of Herring Caskes or Barrels, and of Salt needefull for the packing of C. Laſt of Herrings.
7. Seuenthly, the particular charge of foure months victuals for 16 perſons to ſerue in the ſaide Buſſe : and the particular charge of Phyſicke and Chirurgerie helpes for thoſe xvi. perſons.
8. Eightly, the particular vtmoſt wages of the ſaide xvi. perſons for the ſaide foure months.
9. Laſtly, the gaine or profit (by Gods bleſsing) hoped for, by ſuch a foure months Herring-fiſhing.

After-

Afterwards is alſo ſet downe the yearely Charges of repayring the ſaide Buſſe: and of her apparrell and Furniture. And alſo of the ſaid Nets,&c.

Together with the reſt of the ſecond yeares *Charge* and *Gaine*.

By which ſecond yeares *Charge* and *Gaine*, you ſhall ſee the charge and gaine of euery year following ſo long as the Buſſe laſteth: which (*by Gods bleſsing and good vſage*) may well be twenty yeares at leaſt.

HE that will giue a probable eſtimate of any Charge, muſt tye himſelfe to ſome particular proportions, which hee muſt admit as the very iuſt allowances.

But I would haue none to imagine that I intend theſe particulars to be ſuch as may not be varied.

If any be ſo vaine to make ſcornfull conſtructions, I hold ſuch fellowes not worth the thinking on.

A Busse of 35 Last, that is of 70 Tunnes, must be on the Keele in length	50 foot	
And on the Maine beame	17	
And her Rake on the Stem forward	16	
And her Rake on the Sterne-post Eastward on	7	
And her wast from her lower edge of her Deckledges vnto her Ceelings	13	
Such a Busse with her Cabins, Cook-roome and other roomes fitted for the sea, and to this fishing seruice, together with her Ruther, Iron-work, bolts Chaine-bolts, Shroud-chaines, Nailes, &c. and her Cockboat and Oares will cost at most	li-s-d 260. li	
All her masts and yards will cost at most		8-0-0
The making and fitting her said masts and yards		2-0-0
Her pullies and Shiuers at most		2-0-0
Her rigging or Tackling ropes of the fittest sizes or scantlings, will come to at most 8 C. wai. of ropes which will cost at most 30 s a C. which comes to		12-0-2
Her Maine-saile and two Bonnets must bee 11. yards deep and 16 cloaths broad of Ipswitch Poledauis, which comes vnto 176 yardes of poledauis, which at ix d. a yard will cost		6-12-0
Her Maine topsaile must be 8. yards deepe, and eight cloaths broad at the yarde, and sixteene cloathes broad at the Clewes, which takes 96. yards of Bungy Canuas, which at eight pence a yard will cost		3-4-0.
Her foresaile, the Course, & two Bonnets must be x. yards deepe and 12 cloaths broad, taking vp 120 yards of Ipswitch Poledauis, which at ix. d. a yard comes to		4-10-0.
Her Mizen or Backsaile must be 4 cloaths broad and 5 yards deepe, which takes 20 yards of Bungy cloth, which at 8 d. a yard comes to		0-13-4
So as all the Sailes take 420 yardes of Saile-cloth of both sorts, which 420 yards (at 28 yardes to a bolt) make almost 15 bolts of cloth. And the Sailemaker will haue for his work 5 s. a bolt which comes to		3-15-0
Boltropes for all the saide Sailes. And Twine &c to make the saide Sailes withall, will cost at most		1-15-8
	304	10-0

Two

	li.	s.	d
Two flagges or Fannes to obſerue the winde by with their Staues, at ii. s. a piece	0	4	0.
Two or three hand pikes of Aſh at moſt	0	2	0
Two Waterskeits to wet the Sailes at xviii. d. a peece	0	3	0
Two Water-buckets at vi. d.	0	1	0
Six Maps to clenſe the Buſſe vvithal, at vi. d	0	3	0
Compaſſes and boxes 2. at x s. a piece at moſt	1	0	0
Houre-glaſſes 3 or 4 at moſt at xviii, d	0	6	0
A Lanthorne for the poope	0	10	0
Two other lanthornes at xviii d. a piece	0	3	0
Fenders or long poles 4. at ii. s	0	8	0
Long Oares vi. at iii s. iiii d	1	0	0
An Iron Crow of 15 li. at iiii d	0	5	0
Cables. 4. One Cable of 9 Inches about, & C fadome, that is CC yardes long, will waigh about	xviii. C		
A ſecond Cable 8 Inches ½ about, and of the length abouesaid will waigh about	xv. C.		
A third Cable 7 Inches ½ about, and of like length will weigh	xi. C		
The fourth Cable 7 Inches about, & of like length, will weigh	x. C.		
So all the foure Cables wil weigh about 54 C waight, which 54 C. waight of Cables at 30 s. C will coſt		81.	0. 0
Ancors 4 One Anchor to waigh about	iiii. C		
A ſecond to waigh about	iii. C ½		
A third to waight about	ii. C. ½		
A fourth to waigh about	ii C		
Foure Ancor ſtockes and the fitting of them at x s. a peece	ii l.		
So all the 4. Ancors waighing xii. C waight at xxvi s. viij d a C. will coſt	xvi. li.		
And ſo the 4 Anchors and their foure ſtockes will come to		18	0 0

		li.	s.	d.
Hewards store.	Short Iron pothangers two at 12 d	0	2	0
	pothookes 2 paire at x.d	0	1	8
	A large Iron peaze pot of 5 or 6 Gallons	0	10	0
	A large copper fish kettle about 32 li. wa. at xv. d per li.	2	0	0
	A wodden scummer or two	0	0	4
	Wodden Ladles 2. or 3	0	0	4
	A Gridyron at most,	0	2	6
	A frying pan	0	2	6
	Pipkin two or three,	0	0	6
	A Chafing dish of Iron	0	2	0
	A small fire shouell and a paire of Tongs	0	2	6
	A paire of Bellowes	0	0	8
	Trayes 2 at xv d. a peece	0	2	6
	Trugs 2 at ix d. a peece	0	1	6
	Wodden platters 12 at iiii. d	0	4	0
	Wodden Pottagers 24	0	2	0
	Trenchers 4 dozen at iii. d	0	1	0
	Baskets for Mes-bread 6. at 4. d	0	2	0
	Beere-cans bigger and lesser 12	0	6	0
	Taps and Fawcets 4 or 5.	0	0	2
	wodden Butter-scales a paire	0	1	0
	Leaden waights, 4 li—2 li—1 li—½ li—q; li—at ii d	0	1	4
	Tinder-boxes 2. furnished well	0	2	6
	Candles at most for 16 weekes xxx li. at iiii d	0	10	0
	Candlestickes with Iron wyers 6. at 8 d	0	4	0
	A Candlebox with locke and key at most	0	5	0
		5	8	0.

		li.	s.	d
Carpenters store	Iron Esles to mend the Shrowd-chaines withal, if any should chance to breake—10—of 1 li. a peece at 4 d. a pound	0	3	4
	Fids or Hammers two at 12 d	0	2	0
	Orlup Nailes 3 C. at xvi d. a C.	0	4	0
	Scupper-nailes ii C. at vi. d.	0	1	0
	Spikes v li. at 4 d. a pound	0	1	8
	Six peny nailes iii C	0	1	6
	Foure peny nailes 3 C	0	1	0
	pumpe nailes 3 C. at ii d. a C	0	0	6
	A Sawe	0	3	0
	Summe	0	18	0
Weapens, &c.	Halfe pikes 10 at ii. s.	1	0	0
	Muskets with Bandaleers, Rests and Molds 6	6	0	0
	Gunpowder 6 li. at x d.	0	5	0
	Leaden bullets 6 li. at iii d	0	1	6
		7	6	6

The Busse aforesaid must haue fifty Nets.

Nettes with the Appurtenances.

	li.	s.	d
EAch Net must be 30 yards, that is 15 fathom long vpon the rope. Each net must also hang full and not stretched on the rope. Therefore each net before it come to be fastned to the rope (being stretched out) must be 35 yards long. Each Net must be in depth 7 deepings. Each deeping must be a fathom, that is two yards deepe. So as each nette of 7 deepings, takes 7 times 35 yards of Lint or netting (of 60 Masks or mashes or holes deepe) which comes to iust 245 yards of Lint or netting, of a fathom breadth or depth. Which 345 yards of Lint or netting (ready made or knit) will cost iii d. a yarde, vvhich comes to for one net — 3 li. 1 s. 3 d.	3	1	3
Each net must haue a net-rope on the top of the net. So each net much haue 15 fathom of net-rope. This net-rope must not be a stiffe tarred rope but lithe and gentle, and is best made of old ropes. This 15. fathome of net rope for each net will cost, ii s.	0	2	0
Round about the head and two sides of each net (but not on the bottome) must bee set a small cord about the bignes of a Bow-string which is called head-roping or nostelling. So each net takes 15 fathom, and 7 fathom and 7 fathom, vvhich comes to 29 fathom of head-roping. There is twenty fathome of this headroping in a pound waight of it. So each net takes almost a pound and ½ of this head roping, which is sold for 6 d. a pound. So the pound & ½ costeth,	0	0	9½

The 7 deepinges of each net are to be sowed each to other altogether with a small thred called Twine Masking.
Each net takes a pounde of this Twyne-masking, which is sold for———— } 0-0-6.

Each net is to be fastned to her ropes with short peeces of Cords or lines of two foote long a peece called *Nozzels*.
These *Nozzels* are tied very thicke, viz. at 4. mashes or holes asunder. So each net takes 150. Nozzels.
These Nozzels are sold ready cut out for viii.d. C. So 150 nozzels cost———— } 0-1-0.

Each net must haue a rope 5 or 6 Fathom long and an Inch through, that is 3 Inches and better about called a *Seazing* to fasten the net vnto the Warroape. This Rope will cost iiii.d. a fathome. So for the saide six fathome———— } 0-2-0.

The seaming or sowing together of the saide seuen deepings of each net, and the head roping of each net as aforesaid, And the bringing of each net to the rope or setting on the Nozzels, Al this I say, is vsually done by a woman working it at 4.d. a day meat and drinke, or x.d. a day at most finding her selfe, which woman will so dispatch at least two or three nets in a day. So each net so finishing, will cost at most———— } 0-0-5.

Euery net must be tanned in a Tanfat which will cost at most———— } 0-0-10.

Nets,

Nets: Warropes &c.

All the said 50. Nets being finished must be hanged al arow vpon a strong large rope called a Warrope, which must be in bigneſſe 4. inches about.

This Warrope must be as long as all the said 50. Nets, that is fifty times 15. fathome long, that is, 750. fathome of Warrope.

So each Net taketh vp 15. fathome of Warrope.

An C. waight, that is, 112. li. of this rope is sold for at most 30. s. that is almost iii. d. q; a pound.

An C. fathome of this rope will waigh neere CCCC. waight.

At which rate each fathome will waigh almost iiij. li. $\frac{1}{2}$ which at iii. d. q; a pound will cost xiiij. d. ob. a fathome.

So for each Net 15 fathome at xiiij. d, ob, wil cost

li.	s.	d
0	18	2

Each Net must haue halfe a pound of Legorne Corke placed all along the Net at halfe a yard asunder: At which distance each Net takes 60. Corkes, or 60. halfe pounds of Corke, that is, 30. pound of Corke at ii. d. ob. a pound, that is 23. s. 4. d. a C. will cost

0	6	3

Those 60. Corkes must haue 60 Corke-bands to tye them to the Net: each Corkeband must be a fathome long.

These Corke-bands are made of the aforesaide head-roping line, whereof 20. fathomes waigh a pound as aforesaid.

So the said 60 fathomes will waigh 3. pound, which at vi. d. per pound wil cost

0	1	6

For euery two Nets there must be a Pynboll or Bwy hooped, which will cost viii. d. So to each Net allow for halfe a Pynboll or Bwy

0	0	4

Each Pynboll or Bwy must haue a Rope of a yard long, to fastē it to the Warrope, which yard of rope will cost at most vi. d. So to each Net allow for halfe such a rope

0	0	3

So it appeares by the particulars aforesaid, that each Net with Warropes and all other her appurtenances, will cost, ,1 ,3.

And o th said 50 Nets at 4.15.3, a peece will cost in all

li.	s.	d.
238.	2.	6.

Tooles and Implements vſed in ſinge and packing of Herring.

	li.	s.	d.
Gipping or Gilling kniues 14 at 4 d.	0	8	0
Roaring baskets or ſcuttles 24 at vi d	0	12	0
Addeſſes for Coopers worke 6. at ii. s	0	12	0
Drifts to beat downe hoops 12. at i d	0	1	0
Irons to pull vp barrels heads 6. at 4 d	0	2	0
Iron pipes to blow and trie Caskes, whether they be tight or no 3. at 8 d.	0	2	0.
Bended hoopes to ſupply ſuch as ſhall chance to breake or flye off, for an C Laſt, that is of 12 C barrels 24 C of hoopes at ii. s. a C	2	8	0.
Iron markes or letters to brand the barrels with al, viz. A B. for the beſt, S for the ſecond, W. for the worſt, at 8 d. a peece at moſt,	0	2	0.
	4	7	0

Caske. Herring barrels, an hundred Laſt, that is twelue hundred barrels, which containeth two and thirty Gallons a peece, will coſt fifteene ſhillings a Laſt, that is xv d. a peece, which commeth to — 75 — 0 — 0

Salt. A water Buſhell, that is 5 peckes of Spaniſh ſalt, will ſalt a barrell of Herrings.
So to ſalt the ſaid C laſt, or 12 C. barels of Herrings, muſt be 12 C buſhels of ſalt, that is at 40. buſhels of ſalt to a waigh) iuſt 30 waigh of ſalt, which at 40 s. a waigh, that is xii d. a buſhel, wil coſt — 60 — 0 — 0

Memo.

Memorandum. A Flemiſh Buſſe doth often take ſeauen or eight Laſt of Herringes in a day. But if God giue a Buſſe one day with another but two laſt of Herringes a day, that is, twelue Laſt of Herrings in a weeke.

Then at that rate a Buſſe may take, dreſſe, and packe the ſaid whole proportion of an C laſt of Herrings (*propounded to be hoped for*) in eight weekes and two daies.

And yet is heerein allowance made for victualles and wages for xvi. weekes, as after followeth.

Of which 16 weekes time if there be ſpent in rigging & furniſhing the ſaide Buſſe to ſea, and in ſayling from her port to her fiſhing place; if theſe buſineſſes I ſay ſpend two weekes of the time, and that other two weekes bee alſo ſpent in returning to her port after her fiſhing ſeaſon and in vnrigging and laying vp the Buſſe. Then I ſay (of the xvi. weekes aboue allowed for) there wil bee xii. weekes to ſpend onely in fiſhing the Herring.

Brittaines Busse.

Victuall and Fuell for xvi. Men and Boyes, seruing in the Busse aforesaid, for the Herring-fishing time, and the time of her setting out: and of her returne home, viz. from the 24 of May, vntill the 21. of September, which is 112. dayes, that is xvi. weekes, that is foure months.

		li. s. d
Beere.	TO allow for euery Man and Boy a gallon of Beere a day (which is the allowance made in the Kings ships) that is for the saide 16 persons, 16 Gallons, that is iust halfe a Herring Barrell full a day, that is, for the whole voyage or xvi. weekes, or C xii. dayes, 56 such barrels of Beere, Seuen of these herring barrels containe a Tun of Beere: so as the saide 56 herring barrelles full of beere, do make iust 8 Tun of beere, which at 40. s a Tun comes to	16–0–0.
Bisket.	To alow for euery man and boy (as in his maiest. ships) a pound of Bisket a day, that is for euery man and boy for the saide 4 moneths or 112. daies, an C waight of bisket, that is for the saide 16 persons, 16 C waight of bisket, which at 13 s 4 d. a C. will come to	10–13–4
Oatmeale or Peaze	To allow amongst the said 16. persons a gallon a day, that is halfe a pint a peece euery day, that is 112. gallons for them al, for the said 112 daies or 4 months, which comes to iust 14 bushelles, which at 4. s. a bushell will cost	2–16–0
Bacon.	To alow also for each Man and boy 2 li. of Bacon for 4 meales in a weeke, that is for each person for the said 16. weekes 32 li. that is 4 stone of bacon, and so for the saide xvi. persons 64. stone of bacon, which at 2. s. 2 d. a stone, will come to	6–18–8.
Freshfish.	They may take daily out of the Sea, as much fresh-fish as they can eate,	0–0–0.
Butter.	To allow euery Man and boy (to butter their fish or otherwise to eate as they like) a quarter of a pound of butter a day, that is, for each person 28 li. of butter, that is halfe a firkin of Suffolk butter, and so for the sayd 16 men 8. firkins of butter at 20 s. the firkin	8–0–0
		44—8—0.

		li.	s.	d.
Cheese.	To allow euery of the said 16 men and boyes, halfe a pound of Holland Cheese a day, that is, for each perso 56. pound, that is, halfe a C. waight of Cheese. And so for the said 16. persons to allow viii. C. waight of Holland Cheese, which at ii. d. ob. the pound that is, 23 s. 4. d. the hundred will cost	9	6	8
Vineger.	To allow amongst the said 16. persons three pintes of Vinegar a day, that is for the said 112. dayes, 42 Gallons, that is a Teirce of Vinegar, which at vi. li. a Tunne, Caske and all will cost	1	0	0
Fuell.	To allow for the dressing and boyling of their victuall, viii. C. of Kentish Faggots, that is seauen Faggots a day, and 16. Faggots ouer in the whole time, which viii. C. of Faggots at viii. s. a C. coms to	3	4	0
		13	10	8
	Summe of all the said 4. months victuall is	li. 57	s. 18	d. 8

I am informed that the Dutch Busses haue not halfe so much allowance of Victualles: But take almost all theirs out of the Sea.

Phi-

	li.	s.	d
Phisick and Surgery helps			
Sperma Cæti and a boxe for it	0	3	4
Stone pitch and a boxe for it	0	1	4
Aquauitæ 16 quarts is 4 gallons, at iii.s.	0	12	0
Zant-oyle 16 pintes is 2 gallons, at vi.s.	0	12	0
Honny, 16 pintes is 2 gallons, at v.s.	0	10	0
Sugar 4 pound, at i.s.	0	4	0
Nutmegges a quarterne of a pound	0	1	0
Ginger ½ a pound	0	0	6
Pepper 16 oz. that is a pound	0	2	0
Balsome and other Salues and old Linnen	0	10	0
Syzers a paire	0	0	6
A Steele *P*leget to spread playsters	0	1	4
A Chest with partitions for all these things	0	12	0
	3	10	0
Wages to the sixteen men			
To a Maister for the said 4. months at v.li. a month that is, i.li, 5 ,s.0 a week, or 4,s. ii.d. a day for 6 daies, or iii.s.6 d,ob,q; a day for seaue diaes.	20	0	0
To two Mates at 24s, a month a peece	9	12	0
To sixe other men at 20 s. a peece per month	24	0	0
To sixe other men at 16 s, a peece per month	19	4	0
To a boy at 6 s, a month	1	4	0
	74	0	0
Summe of all the Stocke and charge of one intire Busse, &c. the first yeare will be about	934	5	8.

The difference or oddes between Charge & Aduenture.

IT appeares before in particulars, That a New Busse with her Nets and other appurtenances, together with all the first yeares Charge of Salt, Caske, Victuals, Wages, &c. will come to ——— 934–5–8

But it is to be obserued, that the owner & Aduenturer of such a Busse, shall not be out of purse, nor Aduenture so much money the said first yeare, by ——— 171—10—0

For the Wages aforesaide is neuer paide till the returne of the Ship or busse; which if it should neuer return (as God forbid) then is no wages paid. So wages is parte of the Charge, but no part of the Aduenture. And so the wages is spared from Aduenture, which comes to as before in particulars ——— 74–0–0.

Also it is to be obserued, that the busse can conueniently stow at once but 34 Last of Cask, which is but the thirde part of her said C. last of Caske in Charge, and so is also spared from Aduenture two third parts of her cask, which is 66. last of Caske, which at xv. s. comes to ——— 49–10–0

Likewise the Busse cannot conueniently stow at once aboue te one waighe of Salt, which is but a thirde part of her Salt in charge. And so is also spared from Aduenture $\frac{2}{3}$ of her saide Salt, which is 20 waight of Salt, which at 40 s. a waigh comes to ——— 40–0–0.

Neither can the busse conueniently stow at once aboue $\frac{1}{2}$ her saide 8 Tunnes of beere in Charge. And so also is spared from Aduenture the one halfe of her saide beere, which is foure Tun, which at forty shillings a Tun comes to ——— 8–0–0.

Totall spared from Aduenture ——— 171 li–10–0.
Which 171 li–10 s–0–being deducted out of the said Charge of 934–5–8. There resteth to bee aduentured the first yeare onely ——— 762—15—8.

Britaines Buſſe.

The firſt yeares gayne in hope and likelyhood.

ABout a month after the Buſſes are gone out to ſea, a Yagar which is a Caruell or a Merchants ſhip (employed to ſeeke out the ſaid Herring-Buſſes, and to buy of them their Herrings vpon the firſt packing.) This Yagar I ſay (whereof are diuers ſo employed) comes to the ſayde Buſſe (amongſt others) and buyes all ſuch Herrings as ſhe hath barrelled (which barrels vppon the firſt packing are called Sticks.) And in part of payment for her ſaide Herring Stickes, deliuers ſuch Salt, Caske, Hoopes, Nettes, Beere, and other Neceſſaries as the buſſe ſhal then want; (wherewith the ſaide Yagar comes alwayes furniſhed) the reſt the ſaid Yagar payes in ready mony to the Buſſeman. In this maner comes the Yagar to the buſſes two or three times or oftner in a Summer-Herring-fiſhing time. So as the ſayd Yagar buies of the ſaide Buſſe (if God giue them to the buſſe) all her ſaid C Laſt of herring Stickes. } 1000. li.

For which ſaid C. laſt of Herring-ſticks, if the Yagar do paybut after the rate of xli. a Laſt, that is xvi. s. viii. d. a barrell, then are the ſaide hundred laſt of Herring-ſticks ſold for iuſt ——————————

So (by the grace and bleſsing of God) the very firſt yeares herrings only, may bring in to the Aduenturer or owner all his whole both Stocke and Charges of—934—5—8. aforeſaid. And alſo—65—14—4—ouer and aboue.

And ſo the ſaid Aduenturer or Buſſe-maiſter, is like by Gods bleſsing, to gaine clearely the very firſt yeare.——The Buſſe aforeſayde with all her apparrell and furniture, together with her Nets, *&c.* And—065 li—14 s—4 d. in mony ouer and aboue, towards the vſe or Intreſt of the ſaid—762—15—8—which the ſaide Aduenturer diſburſeth the firſt yeare out of Purſe,

Which is almoſt—9 li—0—0. in the hundred alſo for vſe.

Britaines Buſſe,

The ſecond yeares Charge.

	li.	s.	d.
Calking or carrying the ſaid Buſſe yearely will coſt about	5	0	0
Repairing the Tacklings (which coſt at firſt xii li. as before)	6	0	0
Repairing the Sayles which coſt at firſt xx li, x s	10	0	0
Repairing the pullies, Shiuers, and other petty things about	1	0	0
Repairing the Cables (which coſt at firſt 81 li.) about	24	0	0
Towards the reparations of the Anchors (which coſt at firſt 18 li,) allow	3	0	0
Repairing the Carpenters ſtore (which coſt at firſt 15 s.) about	0	12	0
Repairing the Stewards ſtore (which coſt at firſt 5 li, 8 s. 0) about at moſt	2	8	10
Renewing ſhot and powder, and ſcowring the Muskets &c, about	0	10	0
Repairing of Nets with the appurtenances, with 50 new deepings, and a C fathome of Warrope, &c.	77	0	0
(Which coſt firſt as before in particulars, 238–2–6) the third part whereof is juſt 79–7–6.			
Renewing of Tooles to dreſſe and packe Herrings with all, (which coſt at firſt 4–5–0	2	0	0
Renewing the whole C Laſt of Cask at xv s.	75	0	0
Renewing the whole 30 waighes of Salt at 40 s.	60	0	0
Renewing the whole proportion of victualles aforeſaid	57	18	8
Renewing part of the Phiſick and Surgery helpes (which coſt at firſt 3–10–0)	1	11	4
Wages as at the firſt	74	0	0

Summe

	li.	s.	d
Sum. Tot. of the Charge of the second years Herring Fishing will be as appeares about———	400	0	0
But the second yeares Aduenture and Disbursement, will be lesse then the saide Charge, (as it was for the first yeare) by———	171	10	0
And so the Second yeares Aduenture will be onely about——228——10——0.			

Towards which aduenture and Charge, there is before accompted to be gotten in money by the first yeares Herring fishing as before appeares——65——14——4.

So then the second yeares Charge, besides the sayde 65——14——4. before gained, will be but 334——5——8.

But the said second yeares Aduenture, besides the sayde gaine, will be but 162——15——8.

So it appeares, That if the busse be onely imployed in fishing the Herring, and in that but onely one foure monthes in euery yeare: and that the Busse lye still in her owne port all the rest of the yeare: that is nine moneths in euerie yeare idle, yet she gaines clearly euery yeare in that foure monthes (onely) the sum of 600. li——0 s——0 d. If God giue her in that time, but the said C. Last of Herrings, which being solde but at ten pound a Last, yeeld 1000. li.——0 s——0 d. Out of which deducting the saide second yeares Charge of 400. li. aforesaid, there resteth as gained cleerely——600 li.——0——0 yearly by the saide Busse.

Memoran-

Brittaines Busse.

Memorandum, If the Aduenturer of such a Busse will also hire a Yagar by the Last, to take in his Herrings, and carry them into Danske-Meluyn, Sweathland, France, or elsewhere: Then the Charge and gaine of that course, will be as followeth, or thereabouts, viz:

	li.	s.	d.
You may hire a Carvill or other Merchants shippe for a Yagar to cary your Herings from the Busse into *Dansk*, *Meluyn*, &c. and to stay there for re-lading 14 or 20 daies, and then to bring backe to London such Wares or Merchandize as you shall there fraught her withall, for which fraught outward and stay there, and fraught home backe againe, the said ship wil haue at most—2—10—0 a last, that is 25 s. a Tun in and out. So the fraught of C Last of Herrings into *Danske*, and fraught of another C Last of Pitch, Hempe, Flax or Corne, &c. backe again to London will cost at most at—2 li—10 s—0 d.	250	0	0.
Toll at Elsanor will cost out and in about			3-0-0.
I thinke no Custome is paide for Herringes in the East-country, yet suppose for Custome iiii s. a last, that is 4. d. a barrell, at which rate the C. Last of Stickes comes to			20-0-0.
For Cranage, there allow at most i s. a Last, which for the said C last of Herrings is			5-0-0.
For Wharfage there allow also after the rate of 12. d. a Last,			5-0-0
For Warehouse-roome there till the Herrings be solde allow at most			2-0-0.
The repacking of the Herrings by the sworne Coopers of that place, and for new hooping 75 Last of cask, which will be filled with the said C Last of Herring sticks, alowing 25. Last that is a fourth part of the C last to be shrunk away, that 75 last repacking and hooping at most at viii. s. a Last will cost			30-0-0.
Sum—315 li.—0 s—0 d. which neuer goes out of purse, but is paide when the Herrings are solde.			

So if the ſaide C. Laſt of Herring ſo ſent from the Buſſe to *Danske* do ſhrinke a fourth part, then will reſt to be ſolde in *Danske*, *Meluyn*, *&c.* 75. Laſt of full repacked Herrings, which 75. Laſt will bee there ſolde for at leaſt 18 li. 12. s. 0. d. a Laſt, that is 31. s. a Barrell, which is iiii. s. i. d. a C. which is more then 2. Herrings and $\frac{1}{3}$ a peny, by 7. Herringes in a hundred. And ſo the 72. Laſt of Herrings will be ſold for——

li.	s.	d
1395.	0.	0

Which is for the Herrings—1000 o d
& for the fraught in & out,——315 o d
And ſo is gained outwards only–80 o d

Beſides there may wel be gained by the return of 139. li. worth of corn or other Merchandize, at leaſt 120. more.

Beſides,

Beſides, the ſaid Herring-fiſhing which is performed in foure months as aforeſaide, the ſame Buſſe may be alſo employed the ſame yeare (preſently after the ſaid herring ſeaſon) in fiſhing for *Cod* and *Ling*.

For the Herring fiſhing being begun yearly as before is ſhewed (about the 24. of May, and the Buſſe being returned home againe about the 21 of September, which is 16. weekes after: then the ſaide Buſſe and her men may reſt in Port about 10. weekes, viz. from the 21. of September, vntill S. *Andrewes* tide, or the firſt of December after; and then ſet ſaile againe furniſhed with Hookes, Lines, Salt, caske, and all other things (heereafter particularly mentioned) needefull for the VVinter *Codfiſhing*, which may by Gods bleſsing bee diſpatched and the Buſſe at home againe in her owne port by the firſt of March, which is thirteene weekes after, that is, in 91. dayes.

And ſo betweene the ſaide firſt of March and the 24. of May, which is iuſt eight weekes, the ſaide Buſſe may be carined or calked, and repaired and victualled & prouided of all things againſt the ſecond or next years Herring-fiſhing. And ſo is the whole yeare ended & ſpent as aforeſaide.

Now the Charges of the saide first Codfishing in the Busse aforesaide, with the 16 Men and Boyes aforesaid during the aforesaide time of 13. weekes or 91. daies will be as followeth, viz.

Tooles & Implements.

EAch man fishing for Codde and Ling, vseth at once 2 Kip-hooks, so 16 men may vse at once 32 of those hookes: but because they lose their Hookes sometimes, therefore allow for euery of the men a dozen of hookes, that is 16 dozen of Kip-hooks, which at most wil cost 12 d. a dozen, that is, ——— —0—16—0

Stringes for each Man sixe, that is, for the 16 men eight dozen of stringes, euery string must be fifty fathome long & about the bignesse of an Iackline, and it must be tanned. Euery such string will cost about 12 d. and so the said eight dozen of strings will cost ——— —4—16—0

Chopsticke for euery man foure, is in all 64 Chopsticke. A Chopsticke is an Iron about the bignesse of a Curtaine Rod, and a yard long, and vpon this Iron is an hollow pipe of Leade 8 or 9. Inches long, and waighes about 4 pounde, and the Iron waighes about a pound, which Iron and leade will cost about 12 d. a peece, so 64. Chopsticke at 12 d. will cost ——— —3—4—0.

For euery man two Garfangle-hookes. Totall two and thirtie Garfangle hookes. This Garfangle hooke is an Ashen-plant 6 or 8 Foote long with an Iron hooke like a Boat-hook at the end of it, one of these Garfangle hookes will cost 6 d. So the 32 Garfangle hookes will cost ——— —0—16—0

Foure

Foure Heading kniues like Chopping kniues at xii.d.	0	4	0
Foure ſpliting kniues like mincing kniues at 12 d	0	4	0
Sixe gutting kniues at 4.d	0	2	0
A Grindſtone and Trough	0	5	0
Whetſtones two or three	0	3	0
Some of the old Herring Nets, to get Herringes to baite their Hooks. Or elſe to buy a Hogſhead full of Lamprils which is the beſt baite for Cod and Ling. There is ſtore of Lamprils to be had at *Woolwitch, Norwitch, and Hull*, which may coſt about	2	10	0
Baskets ſome of thoſe before bought and vſed for the dreſsing of Herring and 12. other great Baskets at ii.s.6.d a peece	1	10	0
	14	10	0

For barrelled Cod to prouide 35. Laſt of Barrels, which are the very ſame euery way, with the Herring barrels aforeſaide, ſo the ſaide 35. Laſt of Caske, at xv.s. a Laſt, will coſt 26.li—5.s. As for the Linges (in hope) there is no Caske vſed for them, but they are onely ſalted and packed one vpon another in the ſhips hold. And if they take any Ling, then they muſt bring home the leſſe Cod, and then alſo they ſaue ſome of the ſaide Caske——— li, s. d 26—5—0.

Salt. Each barrell of Cod will take a buſhell of Salt vpon ſalt. So 35. Laſt of Cod aforeſaide takes iuſt 420. Buſhels of Salt vpon ſalt, that is, 10 waighes and a halfe of ſalt, which at 3.li. a waigh, that is 18.d. a buſhell will coſt——— 31.10.0

Phyſicke and Chyrurgerie helpes. To allowe as before is allowed for the Herring-fiſhing time, which (beſides the Cheſt) will coſt as before in particulars——— 2—18—0.

Stow ſtore } *Carp ſtore* } The Stewards ſtore and Carpenters ſtore aforſaid, will ſerue this voyage. So for them needeth no allowance——— 0—0—0.

60—13—0.

Victuall

Britaines Buſſe.

Victuall and Fuell for 16. Men and Boyes, to ſerue in the ſaid Buſſe for the ſaide Codfiſhing time, and the time of ſetting out, and Returne home, viz. from about the firſt of December, vnto the firſt of March, which is iuſt 13. weekes, that is, 91 dayes.

		li.	s.	d
Beere.	TO allowe euery perſon a gallon of beere a day (as in the Kings ſhips) that is for the ſaid 16 perſons 16. gallons, that is iuſt halfe a Herring-barrell a day, that is for the whole voyage, 91. halfe barrels, that is almoſt 46. of thoſe Herring barrels full of beere. Seuen of theſe herring barrels containe a Tun of beere: ſo as the ſaid 46. barrels contain ſix Tun and a half of beere, which at 40. s. a Tun will coſt	13	0	0.
Bisket.	To allowe for euery perſon (as in his Maieſt. ſhips) a pound of Bisket a day, that is for all the ſaide 16. perſons 112. li. that is an C. waight of Bisket a weeke, that is for the ſaide 13. weeks 13 C. of Bisket, which at xiii. s. —4. d—a C. will coſt	8	13	4.
Peaze.	To alow for euery perſon halfe a pint of peaze a day (to bee watered and eaten with butter or elſe with bacon) that is a Gallon a day amongeſt them all, that is in all 91. gallons, that is 11 buſhels and a pecke and a halfe of Peaze, which at 4. s. a buſhell, will coſt	2	5	6.
Bacon.	To allow for euery perſon 2. li. of Bacon a week for 4. meales in euery weeke, that is for the ſaide 16. perſons 32. li. that is 4. ſtone of Bacon a week amongſt them all, that is for the ſaid 13. weeks, 52 ſtone of bacon, which at 2. s. 2. d. a ſtone, wil coſt	5	12	8.
Freſhfiſh.	Freſh-fiſh they may take daily out of the Sea aſmuch as they can eate	0	0	0.

Butter

Butter. To allow euery perſon a quarter of a pound a Butter a day, that is, 4 li. of Butter a day amongeſt them all. So for the ſaide 13. weekes or 91. dayes muſt be 364 li. of Butter, that is iuſt ſix firkins and ½ of Suffolke Butter, which at xx.s. a firkin will coſt——— li. s. d. 6–10–0.

Cheeſe. To allow euery perſon halfe a pound of Holland cheeſe a day, that is 8 li. a day among them all. So for the ſaid 13 weeks or 91 daies, 728 li. of cheeſe, that is 6 C ½ waight of Holland cheeſe ℔ at 2 d.ob. a li. that is 1 li. 3 s. 4 d. C. will coſt— 7–11–8.

Vineger. To allow amongſt them all three pints of Vineger a day, that is, for the ſaide 91. daies almoſt 34. Gallons, allow a Teirce, which at 6 li. a Tun Caske and all, will coſt——— 1–0–0

Fuell. To allow alſo 8. Kentiſh Faggots a day, which for the ſaid 91 daies will come to 7. C. and a quarterne of Faggots, which at 8. s. a C. will coſt——— 2. 18. 0

Sum of all the ſaide 13 weekes victuals and fuel, will come to as appeares——— li. s. d. 47. 11. 2

Wages. To a Maister for these 13. weekes at 5.li. a month that is 25.s. a weeke a peece, is for both ——— 16–5–0.

To two Mates at 24. s. a moneth, that is vi.s. a week a peece, is for both ——— 7–16–0

To six other men at 20.s. a peece per month, is 5.s. a weeke a peece ——— 19–10–0

To six other men at 16.s. a peece per moneth, is 4.s. a weeke a peece ——— 15–12–0

To the Boy at 6.s. a month, that is xviii.d. a weeke. –0–19–6

60——2——6.

Sum of all the Charge of the first winters Cod-fishing, will bee as before in particulars about 182–16–8

But heere is to be remembred that the wages is no part of the Aduenture (though it be part of the Charge. And so the Aduenturer shal be out of purse for this first Codfishing voyage, but only li. s. d. 122.14.2 at most.

Now if it please God in this voyage to afford vnto this Busse the filling of her said Cask, that is 35. Last of Cod only, that Cod will yeeld at least 20.s. a barrell, that is but 12.li. a Last: So the said 35 Last, will yeeld at least, 420.li——0 s——0 d.

Of the Lyuors of those 35. Last of fish, may well bee made 5. Tun of Traine oyle, worth at least 12.li. a Tun, that is but 12.d. a gallon, at which rate 5. Tun of oyle wil yeeld 60.li.

So by the blessing of God this Codfishing may bring in to the Aduenturer, as iust before in particulars ——— 480–0–0

Out of which 480.li. deduct the Charge aboue said of 182–16–8, and then resteth to be cleered yearly by the said Cod-fishing ——— li. s. d. 297–3——4

And so it appeares that there may bee gained yearly by one Herring Fishing and one Cod Fishing in such a Busse yearly, the sum of 837–3–4. all Charges borne, and without any stocke after the first yeare 897.li——3 s——4. d

BY that which is before set downe, it appeareth, that one Aduenturer or diuers Partners, buying or building and furnishing such a Busse, and aduenturing her to sea as aforesaid, shall disburse before and in the first Herring voyage, the sum of 762—15—8. out of purse.

And that the same 762—15—8. is clearly inned againe, together with all other charges, and 65—14—4. ouer and aboue within lesse then a yeare, & so the Busse with her Nets and furniture, and the saide 65—14—4. in money is gayned clearly the first voyage.

And that if the Busse do also that yeare make a Cod-fishing voyage as aforesaide, then I say, within the space of the said first yeare, the Aduenturer or the said Partners shal haue all their stocks into their purse againe as aforesaide, and shall also haue in purse gained cleerly the said first year 362—17—8 which gaine is more then is to be disbursed the second yeare in repayring the said Busse, with her appurtenances, &c. And also in furnishing her with new Herring Cask, Salt, Victual, &c. for the second yeares Herring fishing.

And that the said Aduenturer or Partners, after the saide first yeare, shall neuer be out of purse any money at all.

But that the first yeares cleare gaine will stocke him or them so sufficiently for the vse of this Busse, as by the same they may get cleerely after the saide first yeare, by two such voyages in that busse, yearly ouer and aboue all charges.

—li.—s.—d.
—897—3—4.

And that if the said Aduenturer or Partners will make but onely one Herring voyage yearely, then by that one onely Herring voyage yearely, the saide busse may get cleerely *per annum*, as is before declared.

—600—0—0
Ouer and aboue all charges.

I Confeſſe the priuate gaine to euery Vndertaker before propounded, may ſeeme too great to be hoped for: but before any conclude ſo, let them read the Proclamation concerning this buſineſſe, made by thoſe thriuing-States of the vnited prouinces of the Low Countries, and let them conſider what ſhould mooue thoſe States in that publique proclamation, to call this Herring fiſhing, the *Cheefeſt-Trade*, and *Principall Gold-Mine* of thoſe vnited prouinces, and to ſhew ſuch *Iealouſie*, and prouide ſo very carefully for the preſeruation thereof, *If the gaine thereby were not exceeding great and extraordinary.*

That Proclamation tranſlated out of Dutch into Engliſh, is affixed to the end of the Booke before mentioned, called *Englands way to win wealth*: and is here alſo againe annexed to theſe preſents, as a thing to be often ſeene and conſidered of vs.

And for my ſelfe, I ſay that I know, that *No man may doe euill, that good may come of it*: Therefore I would not deuiſe a lye to perſwade any to a worke how good ſoeuer; nor commend that to others, which my owne heart were not firſt ſtrongly perſwaded to be commendable: yet as I denye not but that I may erre in ſome of ſo many particulars: ſo I diſdaine not, but rather deſire to ſee ſuch errors, honeſtly and fairely corrected by any that out of more skill, and deſire of perfecting and furthering this good worke, ſhall finde out any ſuch errors.

And whether this Fiſhery be *Neceſſary* for this *Commonwealth* or no, let the preſent condition and eſtate of our ſhipping and Mariners, and Sea Townes, and Coaſtes, which (as the meanes) ſhould be the wals and ſtrength of this Ilandiſh Monarchy; I ſay let them ſpeake. I will ſay no more to this poynt, as well for other reaſons, as alſo becauſe this matter is but for a fewe alas: namely for thoſe onely that preferre the Common wealth to their owne priuate: and they are wiſe, and a word is enough to ſuch.

If any be ſo weake to thinke this Mechanicall Fiſher-Trade not feaſible by the Engliſh people: to them I may ſay with *Salomon* Goe to the Piſmire looke vpon the Dutch thou ſluggard, learne of them, they do it daily in the ſight of all men at our owne doores, vpon our owne coaſtes. But ſome will needs feare a Lion in euerie way, becauſe they will imploy their Talents no way, but lie vnprofitablie at home alwaies.

The difficulties that Vnwillingnes hath obiected, Consists in want of Men, of Nets, of Caske, of Timber, and Plank, of Vtterance or Sale, and of the feare of Pyrats, of euerie of which a word or two.

THE 16. Men and boyes before admitted to serue in the saide Busse, may bee these: (viz.) A Mayster, a Mate, foure ordinary Sailors, and foure Fisher-men, there is ten, and then six Land-men and boyes to bee trained vp by the former Ten men in the *Art of Sayling*, and Craft of *Fishery*.

By which meanes euery Busse shall be a Seminary of Saylors and Fishers also, for so shall euery busse breede and make sixe new Marriners: and so euery 100. busses breede 600. new marriners to serue in such other busses as shall be after builded, which is also no small addition to the strength of this state.

Marriners. Now if there were 100. busses presently to bee builded, I would make no doubt (as hard as the world goes) but before they could be fitted for the Sea, there may be gathered vp about the Coast-Townes of his maiesties Dominions at least an C. able Maisters to take Charge of them. And another C. of Marriners to goe with them as their Mates: and foure C. Saylors to serue vnder the saide C. Maisters, that is in all but 600. Marriners and Saylors. For I finde in the 35. page of *Englands way to win wealth* (the Author whereof was a *Yarmouth* man) that the last winter but one, *There were in that one Towne of Yarmouth* 300. *idle men that could get nothing to do, liuing poore for lacke of employment, vvho most gladly vvould haue gone to Sea in Pinkes, if there had beene any for them to goe in.* I haue reported his owne words.

And

Fiſher-men. And for the foure hundred Fiſhermen to ſerue in the C. Buſſes, they would ſoone be furniſhed out of thoſe poore Fiſhers in Small boates, as *Trau'es, Cobbles, &c.* which fiſh all about the Coaſtes, which poore men by thoſe ſmall veſſels can hardly get their bread, and therefore would holde it great preferment to bee called into ſuch Buſſes where they may haue meat, drinke, and wages as before is liberally propounded for ſuch. Beſides, which if neede be there are too too many of thoſe pernitious *Trinker-men*, who with Trinker-boates deſtroye the Riuer of Thames, by killing the Fry and ſmall Fiſh there, euen all that comes to Net, before it bee eyther meate or Marketable. Which Trinkermen (if they will not offer themſelues) may by order and authoriry of our State be compelled to giue ouer that Euil, and to follow this good Trade.

Landmē for a Seminary. But for the ſaide 6. C. Land-men to ſerue in theſe C Buſſes we neede not ſtudy where to finde them; if ſuch ſhoulde not ſeeke for ſeruice in theſe Buſſes, the verie ſtreets of London and the Subburbs will ſoone ſhew & afford them, if it were ſo many thouſand I thinke. Idle Vagrants ſo extreamely ſwarme there as all knowe. So much for men.

Nets. Nettes will be the hardeſt matter to prouide at the firſt; yet I vnderſtand that the before named Knight, Sir *William Harney*, had in few weekes or moneths prouided all his Nets for his great Buſſe. And my ſelfe was offered Nettes for halfe a dozen Buſſes, if I would haue had them the laſt Sommer: and if there were now 100. Buſſes in building, I am informed of one that will vndertake to furniſh them all with Nets. And after theſe Buſſes ſhall once be ſeene, many for their owne gaine will prouide for Hemp, twine, & all neceſſaries to the making of

Nets enough. And doubtles *Scotland* and *Ireland* will preſently afford good helpe in this behalfe.

Caske. Caske will be plentifully ſerued by *Scotland* and *Ireland*, though we ſhould make none of Engliſh Timber.

Timber & Plank. And for all the great and pittifull waſte of our Engliſh VVoods, yet will England afford Timber & Plank enough for many Buſſes: but (to ſpare England a while) *Ireland* will yeeld vs Buſſes enough beſides many other good Shippes, if need be; and *Scotland* will help vs with Maſts, but if we would ſpare ſo neare home, we may help our ſelues out of *Virginia* and *Sommer-Iſlands*. I wis the Dutch who haue no Materials in any Dominions of their owne, haue made harder and deerer ſhifts for their multitudes of Ships of all ſorts: If they had ſhifted off the building of Ships, becauſe they had no Timber or other ſhipping ſtuffe of their owne in their owne Lands, what a poore, naked, ſeruile people, had that free people beene ere this day?

Vtterãce or Sale. Touching Vtterance and Sale of Herrings when we ſhall haue them: I am informed that there is yearely vttered and ſpent in his Maieſties owne Dominions, at leaſt ten thouſand Laſt of Herrings, which being ſerued by our ſelues, will keep in the Land aboundance of Treſure, which the Dutch yearely carry out for the Herrings which they catch on our own coaſts, and ſell to vs. Now, if ſuch a Buſſe as aforeſaide get yearely C. Laſt of Herrings, as aforeſaid: then an hundred Buſſes taking yearely C. Laſt a peece, doe take in all ten thouſand Laſt of Herrings. So then his Maieſties owne Dominions wil vtter all the Herrings which C. Buſſes ſhal take in a year. And then if wee ſhall haue 500. Buſſes more, I am perſwaded we may in *France*, and in *Danske*, & in other forraigne parts, haue as good and ready ſale for them, as the

Dutch

Dutch haue for theirs; for I heare that the Dutch could yearely vtter double ſo many as they doe ſell if they had them. But if that ſhould not bee ſo, ſurely it were too great pouerty for Engliſh mindes (like Horſes that know not their owne ſtrength) to feare to ſet foote by the Dutch, or by any other people vnder Heauen, or to feare to ſpeede woorſe in any Market or place then they: and yet not be driuen to beat down the Markets neither, except the Dutch ſhould prooue more froward and food then I can yet miſtruſt: but if they ſhould, I will not bee perſwaded to thinke, but that the worſer part would fall out to their ſhare at laſt.

If there will bee imployment but for 1000. Buſſes, me thinke they ſhould thanke vs, (as for many other benefits, ſo for this,) that wee will bee contented that they ſhare with vs, by vſing onely 500. Buſſes, & to fiſh frendly in conſort, as it were with other 500. Buſſes of ours. But if they ſhould alleadge, that they now hauing a thouſand, ſhall haue (in that caſe) imployment for the other 500: why then perhappes wee may in friendly manner cope with them, and buy of them the other 500. of the ſaid Buſſes.

I thanke God I neither hate nor enuy the Dutch; nay (for good and due reſpects) I preferre them to all other forraigne Nations in my loue; and they acknowledging vs as they ought, wee ſhall I hope doe them no wrong, and they muſt doe vs right.

I haue herein bin longer then I meant, onely becauſe there came euen now to my minde ſome reports that I haue heard, (but doe not beleeue) of very foule and inſolent dealing of their Buſſe-men with our poore weake Fiſher-men vppon our Coaſtes. But if it were true, as I doubt it at leaſt; yet I would not hate nor ſpeak euill of

a whole State for the sawcie presumptions of a particular man, or of a few men, and those perhappes prouoked thereto, by our owne Double-Beere of England.

Pirats & Enemies. It is too true that all seas are too full of Pirats, and that amongst them (which wee haue great cause to lament) our English abound, who are too ready to iustifie their lewd errors with the want of imployment. It is true also, that men are not to get their liuing by sinful, violent, and vnlawfull courses; yet I would they were stript of that colour and pretence, (which a good fleete of Busses would doe:) Beside, such a fleet of Busses will (by Gods grace be soone able to maintaine about them a guard of strong warlike ships wel appointed to defend them. And in time of neede also to serue his Maiesty, and offend his enemies: and such a guard will be very requisite, although God hath so laid and placed the Herrings, as our Busses shall seldome need to lie or to labour out of the light of our owne shores. So much of the facility.

Lastly, touching the vse of this famous Fisher-trade, I will onely commend vnto your considerations, that which is written thereof in all the foure Bookes before mentioned: namely, in the *Brittish Monarchy*, and *Hitchcocks New-yeares-guift*, and in *Englands way to win wealth &c.* and in the *Trades increase*. The Dutch haue thereby as by their onely or chiefe meanes curbed and bearded their aduersaries; what then may wee doe by it, if God please, we I say to whome he hath vouchsafed multitudes of other helpes (which Dutch land hath not) to second this; this trade sets awarke all their idle, it keeps their gold & siluer in their dominions and multiplies it.

And I see not why the same trade should not bee of the same vse to vs.

Now

Brittaines Busse.

1. NOw Aboord our Busses again, which once wel eſtabliſhed and followed, will in ſhort time I hope by Gods bleſſing ſet many Ploughmen heere on worke, to ſowe Hemp & Flax, both in *England, Scotland & Ireland.*
2. And wil conuert our Idle bellies, our Beggers, our vagabonds and Sharkes into luſty *Hempbeaters, ſpinners, Carders, Rope-makers, Net-makers, Coopers, Smiths, Shipwrights, Calkers, Sawyers, Saylers, Fiſhermen, Bisket-bakers, weauers of Pole-dauis, Sayle-makers*, and other good labouring Members.
3. And will more warrant and incourage our Magiſtrates to punniſh the Idle, the ſturdy begger, and the Theeſe, when theſe Busſes ſhall finde imployment for them that wil worke.
4. And will be a meanes that the True, poore, aged, and impotent ſhal be better and more plentifully, yet more eaſily and with leſſe charges releeued, when onely ſuch ſhall ſtand at deuotion, and no valiant Rogues ſhall ſhare in the Almes of the charitable as now they do.
5. And will helpe to bring euery one to eate their own bread.
6. Yea, and will ſupply his Maieſt. Armies and Garriſons in time of neede with many luſty able men inſteede of our Bare-breeched Beggers and naſty Sharkes, that are as vnskilfull and as vnwilling to fight as to worke.
7. And will keepe and bring in abundance of Gold and Siluer.

I know and confeſſe that it is not in Man to promiſe theſe or any of them peremptorily, but all theſe are the euident effects of this Fiſhery amongſt the Dutch.

And therefore I may conclude, That we are to hope for like bleſsing, by our like lawfull and honeſt endeuors in this trade of fiſhery which almighty God hath brought home to our doores to imploy vs in, whereby he alſo giues vs a comfortable calling to the worke.

Brittaines Busse.

TO begin withall, if but some of our Noblemen, and some of our Gentry, and some Cittizens and others of ability, each man for himselfe, would speedily prouide and imploy at least one Busse a peece, so as some good store of Busses may (amongest them in that manner bee speedily prouided and imployed, to ioyne with Sir *William Herney*, who is already entred the field alone. No doubt but his Maiesty will bee pleased (at their humble suite) to encourage and incorporate them with priuileges, immunities, and authority; and so they may choose amongst themselues, some meet officers and ouerseers, and make meete lawes and orders for the due and seasonable taking, curing, packing, and selling of the saide Herrings, &c. As the French and Straights Merchants who being so incorporated, yet haue euery man his own ship, or the ship hee hiers: and each man by himselfe or by his Factor, goes out, returnes, buyes & sels, not transgressing the priuate lawes and orders of their respectiue companies.

But if at the first entrance there will not bee any competent number of Busses so prouided, and Aduentured as aboue said. If his Maiesty will be pleased so to incorporate some fit for this worke; and (out of that corporation) a sufficient Treasurer, and other needefull officers be here chosen & made known; then may all that please, (of whatsoeuer honest condition) bring in (by a day to be assigned) what sum of money any shall like to Aduenture herein, from 5. pounds vpwards.

And when there shall be brought in 70. or 80. thousand pounds, then presently the said Officers to prouide an hundred Busses, which with that money will be royally built and furnished, and all their first yeares charge

And

And as more ſtocke ſhal come in, ſo alſo more Buſſes to be ſo prouided and added to thoſe former, &c. All which may bee (as in the now East India company) the ioynt ſtocke and Buſſes of the company.

Of which Ioynt ſtocke and Buſſes, euery aduenturer according to the proportion of his ſaid Aduenture, may yearely know, giue, and receiue his proportion, as it ſhal pleaſe God to diſpoſe of the whole fleete and buſineſſe. But whereas in the ſaid East India company, and others ſuch like, as haue a common Treaſury, whereinto euery Aduenture is promiſcuouſly put, the ſaide Aduentures once brought in, are there ſtill continued in banke, and often additions cald for. In this Fiſhing company, euery Aduenturer ſhall but onely (as it were) lend the mony he aduentureth for one yeare or there abouts, as before is ſhewed.

Now for the good gouernment and ſincere diſpoſition of this Ioynt ſtocke, &c. It would be ſpecially prouided (amongeſt other ordinances and prouiſions) that all Officers be only annuall; and that thoſe be freely choſen and yearely changed by the more voats of the company, yearely to be aſſembled for that purpoſe. And that whatſoeuer gratuities, or rewards, or fees, ſhall be yearly giuen to ſuch Officers, may (not onely in groſſe, but) in particular be diſtributed or ſet down by the more part of voyces of the company ſo aſſembled; and not one groſſe ſum giuen, bee deuided or diſtributed by any one man: for ſo may the company with their owne money arme and enable one man, (firſt thereby made proud) to ouer-rule and keep vnder themſelues, by binding his fellow officers to himſelfe, to the neglect of the generality, whoſe proper gifts they be, though by that ill meanes it be not acknowledged, beſides many other miſchiefes &

inconueniences, which may come by the ouerweening of one or fewe men, whileſt others of better deſerts perhaps are neglected and not looked on, to the mouing of much offence, murmur, and enuy in ſome; and of pride, inſolency and arrogancy in others.

By this laſt mentioned promiſcuous courſe of Ioynt-ſtocke, after the rate of Aduenture and charge & gaine, before in particulars ſet downe, it appeares: That

Euery Aduenturer of C li. may gaine clearly *per annum*.——75—0—0
Euery Aduenturer of xl li may gaine clearly *per annum*——30—0—0
Euery Aduenturer of xx li. may gaine clearly *per annum*.——15—0—0
& euery Aduenturer of v. li. may gaine clearly *per annum*——3—15—0

Surely I hope this famous Citty (euer forward for the kingdomes good) will for their part prouide and furniſh the firſt C. of Buſſes at the leaſt, and thereby according to their former noble examples, (as the creſſet of the kingdome) giue light to the reſt of the land to follow them by.

And I thinke the Eaſt India company will liberally further this worke: for that thereby ſome of their greateſt wants are like to be ſupplied.

I ſpeake as I thinke without inſinuation, which I hate as much as rayling.

And I neither hope for, nor deſire any other gaine hereby, then my ſhare in the common good that all this land ſhall by Gods bleſsing reape by this buſineſſe, and the proportionable gaine of mine Aduenture therein.

THE

THE States Proclamation translated out of Dutch.

THE States generall of the Vnited Prouinces of the Low countries vnto al thoſe that ſhall ſee or heare theſe preſents greeting. Wee let to weet, that whereas it is well knowne, that the great fiſhing and catching of Herrings, is the chiefeſt Trade and principal Gold-mine of theſe Vnited Countries, vvhereby many thouſands of Houſholds, Families, Handi-craſts trades and Occupations are ſet on worke, well maintained and proſper, eſpecially the Sailing and Nauigation, as vvell within as without theſe Countries, is kept in great eſtimation. Moreouer, many Returnes of Money, with the encreaſe of the Meanes, Conuoyes, Cuſtomes, & Reuennues of theſe Countries are augmented thereby and proſper: and foraſmuch as there is made from time to time many good Orders, concerning the catching, ſalting, and beneficiall vttering of the ſaid Herrings to the end, to preſerue and maintaine the ſaid chiefe Trade in the Vnited Prouinces; which Trade, by diuers encounters of ſome that ſeeke their owne Gaine, is enuyed, in reſpect of the great good it bringeth to the vnited countries. And VVee are informed, that a newe deuice is put in practiſe to the preiudice of the Trade, to Tranſ-

port out of the Vnited Countries into other countryes, Staues for Herring-barrels made heere, and halfe Herring-barrels, put into other Barrels and Nets, to croſſe the good Orders and Policy heere intended to them of theſe Countries, for the catching, ſalting, and ſelling the Herrings, dreſſed in other countries, after the order of theſe Countries, whereby this chiefe Trade ſhould bee decayed heere, and the Inhabitants of theſe Countryes damnified, if that we make not prouiſion in time againſt ſuch practiſes. Therefore Wee, after mature Iudgement and deliberation, haue forbidden and interdicted, and by theſe Preſents doe forbid and interdict, all, and euery one, as well Home-borne and Inhabitantes, as ſtrangers frequenting theſe parts, to take vp any Herring-barrels, or halfe ones prepared, or any kind of nets in any Ship, Towne, or Hauen of the vnited Prouinces, to be ſent into other Countries or Places, vpon paine of confiſcation of the ſame, and the ſhip alſo wherein they ſhalbe found, beſides a penalty of 200. of Netherlandiſh ſiluer Royals for the firſt time, and for the ſecond time aboue confiſcation of Ship and Goods, and 400. of the ſaide Royals of ſiluer, and for the third time, aboue confiſcation of ſhip and goods, and 600. of the ſaide Royals of ſiluer and corporall puniſhment: all which confiſcations and penalties ſhall be diſtributed, one third part to the profit of the Plaintife, one third part to the poor, and one third part to the Officers where the ſaide confiſcation ſhall be demanded: and not onely they ſhal incurre this penalty, which after ſhall be taken vvith the deed, but they alſo, that within one yeare after the deed ſhall bee convicted: and that none may pretend ignorance, and that this order may be in all places duely obſerued, and the offenders puniſhed according to iuſtice:

We

Wee will and require, our deere and well-beloued Estates, Gouernors, Deputies of the councell, and the Estates of the respectiue Prouinces of *Gilderland*, and the county of *Satfill* in *Holland*, *West-Freesland*, *Zeland*, *Vtricht*, *Freesland*, *Merizel*, the Towne of *Groyning*, and the circumiacent places: and to all Iustices and officers, that they cause to be published in all places, and proclaimed where the vsuall Proclamation and Publication is made: VVe do charge also the Chancellors and Prouinciall councell, and the councell of the Admiralty, the Aduocatisticall and the Procurators generall, and all other Officers, Iudges, and Iustices of these Vnited Prouinces, and to all generall Colonies, Admiralles and Vice-admirals, Captaines, Officers and Commanders, to performe, and cause to be performed, this order and commandement, and to proceede and cause to be proceeded against the Offenders, without grace, fauour, dissimulation or composition; because we haue founde it necessary for the good and benefite of the saide vnited Prouinces. Dated in *Hage* this 19. of Iuly.

FINIS.

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Lawson
Jan '76

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